

Titles of most frequently occurring classifications of patents returned  
from a search of 10589035 on Dec 01, 2009

- 6 375/E7.211 (0 OR, 6 XR)  
Class 375 PULSE OR DIGITAL COMMUNICATIONS  
375/E7.001 . SYSTEMS FOR THE TRANSMISSION OF TELEVISION SIGNALS USING  
PULSE CODE MODULATION (EPO)  
375/E7.026 .. Using bandwidth reduction; source coding or decoding of  
digital video signal, e.g., digital video signal compression; Pre- or postprocessing  
therefor (EPO)  
375/E7.211 ... Involving transform and predictive coding, e.g., hybrid  
coding, Motion Picture Experts Group (MPEG) coding (EPO)
- 5 704/E19.043 (0 OR, 5 XR)  
Class 704 DATA PROCESSING: SPEECH SIGNAL PROCESSING, LINGUISTICS,  
LANGUAGE TRANSLATION, AND AUDIO COMPRESSION/DECOMPRESSION  
704/E19.001 . SPEECH OR AUDIO SIGNAL ANALYSIS-SYNTHESIS TECHNIQUES FOR  
REDUNDANCY REDUCTION, E.G., IN VOCODERS, ETC.; CODING OR DECODING OF SPEECH OR AUDIO  
SIGNALS; COMPRESSION OR EXPANSION OF SPEECH OR AUDIO SIGNALS, E.G., SOURCE-FILTER  
MODELS, PSYCHOACOUSTIC ANALYSIS, ETC. (EPO)  
704/E19.023 .. Using predictive techniques; codecs based on source-filter  
modelization (EPO)  
704/E19.039 ... Details of speech and audio coders (EPO)  
704/E19.04 .... Vocoder architecture (EPO)  
704/E19.041 ..... Vocoders using multiple modes (EPO)  
704/E19.043 ..... Mode decision, i.e., based on audio signal content  
versus external parameter (EPO)
- 4 704/223 (4 OR, 0 XR)  
Class 704 DATA PROCESSING: SPEECH SIGNAL PROCESSING, LINGUISTICS,  
LANGUAGE TRANSLATION, AND AUDIO COMPRESSION/DECOMPRESSION  
704/200 . SPEECH SIGNAL PROCESSING  
704/201 .. For storage or transmission  
704/221 ... Pattern matching vocoders  
704/223 .... Excitation patterns
- 4 704/E19.042 (0 OR, 4 XR)  
Class 704 DATA PROCESSING: SPEECH SIGNAL PROCESSING, LINGUISTICS,  
LANGUAGE TRANSLATION, AND AUDIO COMPRESSION/DECOMPRESSION  
704/E19.001 . SPEECH OR AUDIO SIGNAL ANALYSIS-SYNTHESIS TECHNIQUES FOR  
REDUNDANCY REDUCTION, E.G., IN VOCODERS, ETC.; CODING OR DECODING OF SPEECH OR AUDIO  
SIGNALS; COMPRESSION OR EXPANSION OF SPEECH OR AUDIO SIGNALS, E.G., SOURCE-FILTER  
MODELS, PSYCHOACOUSTIC ANALYSIS, ETC. (EPO)  
704/E19.023 .. Using predictive techniques; codecs based on source-filter  
modelization (EPO)  
704/E19.039 ... Details of speech and audio coders (EPO)  
704/E19.04 .... Vocoder architecture (EPO)  
704/E19.041 ..... Vocoders using multiple modes (EPO)  
704/E19.042 ..... Using sound class specific coding, hybrid encoders,  
object-based coding (EPO)
- 4 704/230 (1 OR, 3 XR)  
Class 704 DATA PROCESSING: SPEECH SIGNAL PROCESSING, LINGUISTICS,  
LANGUAGE TRANSLATION, AND AUDIO COMPRESSION/DECOMPRESSION  
704/200 . SPEECH SIGNAL PROCESSING  
704/201 .. For storage or transmission  
704/230 ... Quantization
- 4 386/111 (1 OR, 3 XR)  
Class 386 TELEVISION SIGNAL PROCESSING FOR DYNAMIC RECORDING OR  
REPRODUCING  
386/46 . PROCESSING OF TELEVISION SIGNAL FOR DYNAMIC RECORDING OR

## REPRODUCING

- 386/ 109 .. Compressing in recording or decompressing in reproducing
  - 386/ 111 ... Intraframe or interframe
- 4 375/ E7. 148 (0 OR, 4 XR)
  - Class 375 PULSE OR DIGITAL COMMUNICATIONS
  - 375/ E7. 001 . SYSTEMS FOR THE TRANSMISSION OF TELEVISION SIGNALS USING PULSE CODE MODULATION (EPO)
  - 375/ E7. 026 .. Using bandwidth reduction ; source coding or decoding of digital video signal , e.g., digital video signal compression; Pre- or postprocessing thereof (EPO)
  - 375/ E7. 126 ... Adaptive or control aspects thereof (EPO)
  - 375/ E7. 132 .... Controlled element or parameter (EPO)
  - 375/ E7. 146 ..... Coding or prediction mode selection (EPO)
  - 375/ E7. 148 ..... Refresh, i.e., intra-coding mode decision, e.g., at macroblock or picture level (EPO)
- 4 375/ E7. 224 (0 OR, 4 XR)
  - Class 375 PULSE OR DIGITAL COMMUNICATIONS
  - 375/ E7. 001 . SYSTEMS FOR THE TRANSMISSION OF TELEVISION SIGNALS USING PULSE CODE MODULATION (EPO)
  - 375/ E7. 026 .. Using bandwidth reduction ; source coding or decoding of digital video signal , e.g., digital video signal compression; Pre- or postprocessing thereof (EPO)
  - 375/ E7. 211 ... Involving transform and predictive coding , e.g., hybrid coding, Motion Picture Experts Group (MPEG) coding (EPO)
  - 375/ E7. 224 .... Forced updating thereof, e.g., refresh techniques, intra/inter-coding mode selection at macroblock or picture level (EPO)
- 3 704/ 219 (3 OR, 0 XR)
  - Class 704 DATA PROCESSING: SPEECH SIGNAL PROCESSING, LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO COMPRESSION/DECOMPRESSION
  - 704/ 200 . SPEECH SIGNAL PROCESSING
  - 704/ 201 .. For storage or transmission
  - 704/ 219 ... Linear prediction
- 3 704/ 500 (2 OR, 1 XR)
  - Class 704 DATA PROCESSING: SPEECH SIGNAL PROCESSING, LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO COMPRESSION/DECOMPRESSION
  - 704/ 500 . AUDIO SIGNAL BANDWIDTH COMPRESSION OR EXPANSION
- 3 375/ 340 (1 OR, 2 XR)
  - Class 375 PULSE OR DIGITAL COMMUNICATIONS
  - 375/ 316 . RECEIVERS
  - 375/ 340 .. Particular pulse demodulator or detector
- 2 704/ 200. 1 (1 OR, 1 XR)
  - Class 704 DATA PROCESSING: SPEECH SIGNAL PROCESSING, LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO COMPRESSION/DECOMPRESSION
  - 704/ 200 . SPEECH SIGNAL PROCESSING
  - 704/ 200. 1 .. Psychoacoustic
- 2 704/ 201 (1 OR, 1 XR)
  - Class 704 DATA PROCESSING: SPEECH SIGNAL PROCESSING, LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO COMPRESSION/DECOMPRESSION
  - 704/ 200 . SPEECH SIGNAL PROCESSING
  - 704/ 201 .. For storage or transmission
- 2 375/ 243 (2 OR, 0 XR)
  - Class 375 PULSE OR DIGITAL COMMUNICATIONS
  - 375/ 242 . PULSE CODE MODULATION
  - 375/ 243 .. Correcting or reducing quantizing errors

- 2 704/203 (1 OR, 1 XR)  
 Class 704 DATA PROCESSING: SPEECH SIGNAL PROCESSING, LINGUISTICS,  
 LANGUAGE TRANSLATION, AND AUDIO COMPRESSION/DECOMPRESSION  
 704/200 . SPEECH SIGNAL PROCESSING  
 704/201 .. For storage or transmission  
 704/203 ... Transformation
- 2 375/240.13 (2 OR, 0 XR)  
 Class 375 PULSE OR DIGITAL COMMUNICATIONS  
 375/240 . BANDWIDTH REDUCTION OR EXPANSION  
 375/240.01 .. Television or motion video signal  
 375/240.12 ... Predictive  
 375/240.13 .... Intra/inter selection
- 2 348/699 (0 OR, 2 XR)  
 Class 348 TELEVISION  
 348/571 . IMAGE SIGNAL PROCESSING CIRCUITRY SPECIFIC TO TELEVISION  
 348/699 .. Motion vector generation
- 2 375/E7.255 (0 OR, 2 XR)  
 Class 375 PULSE OR DIGITAL COMMUNICATIONS  
 375/E7.001 . SYSTEMS FOR THE TRANSMISSION OF TELEVISION SIGNALS USING  
 PULSE CODE MODULATION (EPO)  
 375/E7.026 .. Using bandwidth reduction; source coding or decoding of  
 digital video signal, e.g., digital video signal compression; Pre- or postprocessing  
 thereof (EPO)  
 375/E7.243 ... Involving predictive coding (EPO)  
 375/E7.255 .... Using temporal prediction (EPO)
- 2 375/E7.281 (0 OR, 2 XR)  
 Class 375 PULSE OR DIGITAL COMMUNICATIONS  
 375/E7.001 . SYSTEMS FOR THE TRANSMISSION OF TELEVISION SIGNALS USING  
 PULSE CODE MODULATION (EPO)  
 375/E7.279 .. Systems for detection or correction of transmission errors  
 (EPO)  
 375/E7.281 ... Using error concealment (EPO)
- 2 375/E7.25 (0 OR, 2 XR)  
 Class 375 PULSE OR DIGITAL COMMUNICATIONS  
 375/E7.001 . SYSTEMS FOR THE TRANSMISSION OF TELEVISION SIGNALS USING  
 PULSE CODE MODULATION (EPO)  
 375/E7.026 .. Using bandwidth reduction; source coding or decoding of  
 digital video signal, e.g., digital video signal compression; Pre- or postprocessing  
 thereof (EPO)  
 375/E7.243 ... Involving predictive coding (EPO)  
 375/E7.248 .... Using subsampling at the coder or sample restitution by  
 interpolation at the coder or decoder (EPO)  
 375/E7.25 ..... With motion compensated interpolation, e.g., involving  
 bidirectional frame interpolation, i.e., use of B-pictures (EPO)
- 2 348/700 (0 OR, 2 XR)  
 Class 348 TELEVISION  
 348/571 . IMAGE SIGNAL PROCESSING CIRCUITRY SPECIFIC TO TELEVISION  
 348/700 .. Motion dependent key signal generation or scene change  
 detection
- 2 348/E9.037 (0 OR, 2 XR)  
 Class 348 TELEVISION  
 348/E9.001 . DETAILS OF COLOR TELEVISION SYSTEMS (EPO)  
 348/E9.037 .. Circuits for processing color signals (EPO)
- 2 375/296 (1 OR, 1 XR)  
 Class 375 PULSE OR DIGITAL COMMUNICATIONS

- 375/ 295 . TRANSM ITERS  
 375/ 296 .. Antinoi se or di stortion (i ncl udes predi stortion)
- 2 332/ 107 (0 OR, 2 XR)  
 Class 332 MODULATORS  
 332/ 106 . PULSE OR I NTERRUPTED CONTI NUOUS WAVE MODULATOR  
 332/ 107 .. I ncl uding stabi lization or al ternati vely di stortion, noi se  
 or other i nterference preventi on, reducti on or compensati on
- 2 704/ 229 (1 OR, 1 XR)  
 Class 704 DATA PROCESSI NG; SPEECH SI GNAL PROCESSI NG, LI NGUI STI CS,  
 LANGUAGE TRANSLATI ON, AND AUDI O COMPRESSI ON/ DECOMPRESSI ON  
 704/ 200 . SPEECH SI GNAL PROCESSI NG  
 704/ 201 .. For stori age or transmissi on  
 704/ 229 ... Adapti ve bi t al locati on
- 2 375/ 325 (0 OR, 2 XR)  
 Class 375 PULSE OR DI GI TAL COMMUNI CATI ONS  
 375/ 316 . RECEI VERS  
 375/ 322 .. Angl e modul ati on  
 375/ 324 ... Parti cul ar demodul ator  
 375/ 325 .... I ncl uding coherent detect or
- 2 G9B/ 27. 033 (0 OR, 2 XR)  
 Class G9B I NFORMATI ON STORAGE BASED ON RELATI VE MOVEMENT BETWEEN  
 RECORD CARRI ER AND TRANSDUCER  
 G9B/ 27 . Editi ng; I ndexi ng; Addressi ng; Ti mi ng or synchr oni si ng;  
 Monitoring; Measuri ng tape travel { G11B 27/ 00}  
 G9B/ 27. 017 .. I ndexi ng; Addressi ng; Ti mi ng or synchr oni si ng; Measuri ng  
 tape travel { G11B 27/ 10}  
 G9B/ 27. 025 ... by usi ng i nformati on detectabl e on the record carri er  
 { G11B 27/ 19}  
 G9B/ 27. 029 .... by usi ng i nformati on si gnals recorded by the same method  
 as the mai n recordi ng [N: G9B/ 27. 026 takes precedence] { G11B 27/ 28}  
 G9B/ 27. 03 ..... on the same track as the mai n recordi ng { G11B 27/ 30}  
 G9B/ 27. 033 ..... [N: used si gnal i s di gi tally coded] { G11B 27/ 30C}
- 2 375/ 244 (0 OR, 2 XR)  
 Class 375 PULSE OR DI GI TAL COMMUNI CATI ONS  
 375/ 242 . PULSE CODE MODULATI ON  
 375/ 244 .. Di fferenti al
- 2 375/ 240. 16 (2 OR, 0 XR)  
 Class 375 PULSE OR DI GI TAL COMMUNI CATI ONS  
 375/ 240 . BANDW DTH REDUCTI ON OR EXPANSI ON  
 375/ 240. 01 .. Tel evi si on or moti on vi deo si gnal  
 375/ 240. 12 ... Predi cti ve  
 375/ 240. 16 .... Moti on vect or
- 2 386/ E9. 013 (0 OR, 2 XR)  
 Class 386 TELEVI SI ON SI GNAL PROCESSI NG FOR DYNAM I C RECORDI NG OR  
 REPRODUCI NG  
 386/ E9. 001 . PROCESSI NG OF COLOR TELEVI SI ON SI GNALS I N CONNECTI ON W ITH  
 RECORDI NG ( EPO)  
 386/ E9. 011 .. Transformati on of the tel evi si on si gnal for recordi ng  
 (e. g. , modul ati on, frequency changi ng, etc.); i nverse transformati on for pl ayback  
 ( EPO)  
 386/ E9. 012 ... I nvolvi ng pul se code modul ati on of the color pi ctur e  
 si gnal component s ( EPO)  
 386/ E9. 013 .... I nvolvi ng dat a reducti on ( EPO)
- 2 375/ 265 (1 OR, 1 XR)  
 Class 375 PULSE OR DI GI TAL COMMUNI CATI ONS

375/ 259 . SYSTEMS USING ALTERNATING OR PULSATING CURRENT  
 375/ 260 .. Plural channels for transmission of a single pulse train  
 375/ 261 ... Quadrature amplitude modulation  
 375/ 265 .... Trellis encoder or Trellis decoder

2 375/ E7. 081 (0 OR, 2 XR)

Class 375 PULSE OR DIGITAL COMMUNICATIONS

375/ E7. 001 . SYSTEMS FOR THE TRANSMISSION OF TELEVISION SIGNALS USING PULSE CODE MODULATION (EPO)

375/ E7. 026 .. Using bandwidth reduction ; source coding or decoding of digital video signal , e.g. , digital video signal compression; Pre- or postprocessing thereof (EPO)

375/ E7. 076 .... Involving video objects (EPO)

375/ E7. 081 .... Shape coding thereof (EPO)

2 375/ E7. 088 (0 OR, 2 XR)

Class 375 PULSE OR DIGITAL COMMUNICATIONS

375/ E7. 001 . SYSTEMS FOR THE TRANSMISSION OF TELEVISION SIGNALS USING PULSE CODE MODULATION (EPO)

375/ E7. 026 .. Using bandwidth reduction ; source coding or decoding of digital video signal , e.g. , digital video signal compression; Pre- or postprocessing thereof (EPO)

375/ E7. 088 .... Involving coding of different picture or data components (EPO)

2 375/ E7. 111 (0 OR, 2 XR)

Class 375 PULSE OR DIGITAL COMMUNICATIONS

375/ E7. 001 . SYSTEMS FOR THE TRANSMISSION OF TELEVISION SIGNALS USING PULSE CODE MODULATION (EPO)

375/ E7. 026 .. Using bandwidth reduction ; source coding or decoding of digital video signal , e.g. , digital video signal compression; Pre- or postprocessing thereof (EPO)

375/ E7. 104 .... Motion estimation thereof; processing of motion vectors for bandwidth reduction purposes (EPO)

375/ E7. 105 .... Methods (EPO)

375/ E7. 109 ..... Nonblock-based processing (EPO)

375/ E7. 111 ..... Using regions (EPO)

2 375/ E7. 124 (0 OR, 2 XR)

Class 375 PULSE OR DIGITAL COMMUNICATIONS

375/ E7. 001 . SYSTEMS FOR THE TRANSMISSION OF TELEVISION SIGNALS USING PULSE CODE MODULATION (EPO)

375/ E7. 026 .. Using bandwidth reduction ; source coding or decoding of digital video signal , e.g. , digital video signal compression; Pre- or postprocessing thereof (EPO)

375/ E7. 104 .... Motion estimation thereof; processing of motion vectors for bandwidth reduction purposes (EPO)

375/ E7. 123 .... Processing of motion vectors (EPO)

375/ E7. 124 ..... Encoding (EPO)

2 375/ E7. 222 (0 OR, 2 XR)

Class 375 PULSE OR DIGITAL COMMUNICATIONS

375/ E7. 001 . SYSTEMS FOR THE TRANSMISSION OF TELEVISION SIGNALS USING PULSE CODE MODULATION (EPO)

375/ E7. 026 .. Using bandwidth reduction ; source coding or decoding of digital video signal , e.g. , digital video signal compression; Pre- or postprocessing thereof (EPO)

375/ E7. 211 .... Involving transform and predictive coding , e.g. , hybrid coding, Motion Picture Experts Group (MPEG) coding (EPO)

375/ E7. 222 ..... Multiplexing arrangements thereof , e.g. , suited to a video bitstream syntax (EPO)

2 375/ E7. 256 (0 OR, 2 XR)

Class 375 PULSE OR DIGITAL COMMUNICATIONS  
 375/E7.001 . SYSTEMS FOR THE TRANSMISSION OF TELEVISION SIGNALS USING  
 PULSE CODE MODULATION (EPO)  
 375/E7.026 .. Using bandwidth reduction ; source coding or decoding of  
 digital video signal, e.g., digital video signal compression; Pre- or postprocessing  
 thereof (EPO)  
 375/E7.243 ... Involving predictive coding (EPO)  
 375/E7.255 .... Using temporal prediction (EPO)  
 375/E7.256 ..... Using motion compensation, e.g., by means of motion  
 vectors (EPO)

2 375/E7.267 (0 OR 2 XR)  
 Class 375 PULSE OR DIGITAL COMMUNICATIONS  
 375/E7.001 . SYSTEMS FOR THE TRANSMISSION OF TELEVISION SIGNALS USING  
 PULSE CODE MODULATION (EPO)  
 375/E7.267 .. Systems for transmission of a pulse code modulated video  
 signal with one or more other pulse code modulated signals, e.g., an audio signal, a  
 synchronizing signal (EPO)